Supplementary materials 1: Online questionnaire

Impact of COVID-19 and academic performance of veterinary medical students

This questionnaire aims to analyze the effect of COVID-19 pandemic on the academic performance of veterinary medical students and researchers during the lockdown. Both undergraduate and postgraduate veterinary medical students are eligible to answer this questionnaire. The data of this questionnaire will be used for a research study and will be published in an international journal.

Your identity is anonymous, and your participation in this study is completely voluntary. Answering this questionnaire indicates your consent to participate in this study.

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Section A: Demographic characteristics

1. What is your gender?

   o   Male

   o   Female

2. What is your age?

.... years old

3. What is your country?

....

4. Where do you live?

- o City
- o Rural area

5. Which university do you enroll in?

....

6. What is the level of your study?

- o Undergraduate veterinary student
- o Postgraduate veterinary student

7. For undergraduate students: In which academic year are you?

- o First academic year
- o Second academic year
- o Third academic year
- o Fourth academic year

o Fifth academic year

o Sixth academic year

8. For postgraduate students: In which postgraduate course are you currently enroll in?

o Diploma

o Masters

o PhD

Section B: Assessing the impact of COVID-19 pandemic on the academic performance

1. How did COVID-19 pandemic affect your study/ research?

o Greatly affected (5)

o Considerably affected (4)

o Moderately affected (3)

o Slightly affected (2)

o Not affected (1)

2. Which electronic device do you use to study online during lockdown?

☐ Laptop

☐ PC

67 □ Smart phone

68 □ Tablet

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70 **3. How many hours do you spend in on-line learning during**

71 **lockdown?**

72 **o** 1 hour/ day

73 **o** 2 hours/ day

74 **o** 3 hours/ day

75 **o** 4 hours/ day

76 **o** 5 hours/ day

77 **o** 6 hours/ day

78 **o** 7 hours/ day

79 **o** 8 hours/ day

80 **o** 9 hours/ day

81 **o** 10 hours/ day

82 **o** Other

83

84 **4. How do you rate on-line education during COVID-19 pandemic? (1**

85 **is the lowest evaluation)**

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87 ○   ○   ○   ○   ○   ○   ○   ○

88 ○   ○

89

90	1	2	3	4	5	6	7	8
91	9	10						

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5. How do you rate on-line education in practical lessons during

COVID-19 pandemic? (1 is the lowest evaluation)

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97 ○　　　　○　　　　○　　　　○　　　　○　　　　○　　　　○　　　　○

98 ○　　　　○

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100	1	2	3	4	5	6	7	8
101	9	10						

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6. Which virtual learning tools do you use during the lockdown?

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105　　□　University platforms

106　　□　On-line classes

107　　□　Educational websites

108　　□　YouTube videos

109　　□　E. Books

110　　□　Educational applications

111　　□　PDF lectures

112　　□　Others

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7- Which online learning tool do you use during the lockdown?

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☐ Zoom

☐ Microsoft Teams

☐ Skype

☐ Web Whiteboard

☐ Edmodo

☐ Google Meet

☐ Social networks

☐ WhatsApp

☐ Others

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8- What are the common problems associated with online learning during the lockdown?

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………………………………………………………………………

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9. How can we improve online education?

………………………………………………………………………

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10. Comments and/or opinion

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